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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,227	12/31/2003	Haruo Machida	03500.014453.1	7138
5514 7590 01/22/2008 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			EXAMINER DINH, KHANH Q	
			ART UNIT 2151	PAPER NUMBER
			MAIL DATE 01/22/2008	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/748,227

Applicant(s)

MACHIDA, HARUO

Examiner

Khanh Dinh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 November 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/ are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This is in response to the amendment filed 1/15/2008. Claims 18-47 are cancelled.

Amended claims 1-17 are presented for examination.

Claim Rejections - 35 USC ' 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6, 8-11 and 13-16 are rejected under 35 U.S.C. 102(e) as being unpatentable over Rosenberg et al., US pat. No.6,078,308 in view of Tachibana, US pat. No.6,219,053.

As to claims 1, 8 and 13, Rosenberg discloses a data processing apparatus capable of data communications with various devices (12, 228 fig.3) connected with a network, comprising: storing means for storing function information and connection information of various devices and system displaying means on a display unit by using an icon corresponding to each of the devices (12, 228 fig.3), in accordance with the connection information stored and managed by said storing means (enabling users to move mouse to corresponding move computer generated objects as targets, see figs. 3, 5, abstract, fig.3, col.3 lines 5-54 col.6 line 23 to col.7 line 64);

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designation means for designating a plurality of icons from among the icons displayed on the display unit and function setting screen displaying means for displaying a setting screen for setting a combination function achievable by combining the devices respectively corresponding to the icons designated by said designation means in accordance with the function information stored by said storing means (moving a cursor displayed on screen by physically manipulating physical user object in order to command the cursor to a desired location or displayed object, can be described as "targeting" activities which can be associated with graphical objects such as icons, see fig.4, col.6 line 22 to col.7 line 64 and col.14 line 18 to col.15 line 44); and

control means for controlling the devices respectively corresponding to the icons designation means, on the basis of the combination function set by using the screen displayed by said function setting screen displaying screen displaying means (tracking the movement of objects using position sensors, graphical icons and providing suitable electronic signals to the electronic interface, see col.5 line 5 to col.6 line 41 and col.14 line 17 to col.15 line 43).

Rosenberg does not specifically disclose displaying a system configuration of the network.

However, Tachibana discloses displaying a system configuration of the network (network configuration displaying by icons on a screen, see fig.4, col.6 line 52 to col.7 line 54). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Tachibana's teachings into the computer system of Rosenberg to display network configuration because it would have enhanced the flexible the network representations and enabled users to easily recognized the network configuration on a screen in a communication network.

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As to claim 2, Rosenberg discloses said function setting screen displaying means displays a setting segment for an executable expansion function of each device on the setting screen, in accordance with the function information of the device stored by said storing means (see col.14 line 17 to col.15 line 43).

As to claim 3, Rosenberg discloses editing means for editing display contents on the setting segment for the executable expansion function of each device displayed by said function setting screen displaying means (see figs.3, 4, col.14 line 17 to col.15 line 43).

As to claims 4 and 5, Rosenberg discloses wherein the network is connected with plural other data processing apparatuses communicable with the data processing apparatus and one of the plural data processing apparatuses is used as a management server (see figs.3, 4, col.14 line 17 to col.15 line 43 and col.17 line 53 to col.18 line 67).

As to claim 6, Rosenberg discloses that the management server can store and manage an expansion configuration image resource of each device (see figs.3, 4, col.14 line 17 to col.15 line 43 and col.17 line 53 to col.18 line 67).

As to claim 9, Rosenberg discloses said function setting screen displaying step includes displaying a setting segment for an executable expansion function of each device on the combination function said function setting screen, in accordance with the function information of

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the device stored in said storing step (see col.10 line 6 to col.12 line 6 and col.14 line 17 to col.15 line 43).

As to claim 10, Rosenberg discloses an editing step for editing and setting display contents on the setting segment for the executable expansion function of each device displayed in said function setting screen displaying step (see figs.3, 4, col.14 line 17 to col.15 line 43).

As to claim 11, Rosenberg discloses a management server is provided which can store and manage an expansion configuration image resource of each device (see figs.3, 4, col.14 line 17 to col.15 line 43).

As to claim 14, Rosenberg discloses the function setting screen displaying step displays a setting segment for an executable expansion function of each device on the setting screen, in accordance with the function information of the device stored in said storing step (see col.10 line 6 to col.12 line 6).

As to claim 15, Rosenberg discloses that the program further comprises an editing step for editing and setting display contents on the setting segment for the executable expansion function of each device displayed in said function setting screen displaying step (see figs.3, 4, col.14 line 17 to col.15 line 43).

As to claim 16, Rosenberg discloses a management server is provided which can store and

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manage an expansion configuration image resource of each device, wherein said acquirement step acquires the expansion configuration image resource of each device transmitted from the management server each time the expansion configuration image resource of the device including the expansion function of the device and managed by the management server is updated (see figs.3, 4, col.14 line 17 to col.15 line 43).

4. Claims 7, 12 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rosenberg and Tachibana.

Rosenberg's teachings still applied as in item 3 above. Rosenberg does not disclose that those devices including a printer, a fax machine, a digital copying machine, a scanner, a digital camera, and a modem. However, such devices are well known in the art. It would have been obvious to one of ordinary skill in the communication art that the uses of different well-known devices are merely a matter of engineering choice because choice of devices which would have provided more utilizations of the computer system in a network environment.

Response to Arguments

5. Applicant's arguments with respect to claims 1-17 have been considered but are moot in view of the new ground(s) of rejection.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

7. Claims 1-17 are rejected.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner for patents

P O Box 1450

Alexandria, VA 22313-1450


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PRIMARY EXAMINER
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